



# 3997 Waterproof Cloth Tape

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## Product Data Sheet

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Updated : March 1996  
Supersedes : October 1993

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### Product Description

A general purpose polyethylene cloth laminate coated with an off-white, aggressive rubber resin adhesive.

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### Physical Properties

Not for specification purposes

|                                |                                                                                                                  |  |
|--------------------------------|------------------------------------------------------------------------------------------------------------------|--|
| <b>Adhesive Type</b>           | Rubber resin                                                                                                     |  |
| <b>Backing</b>                 | Polyethylene treated cloth                                                                                       |  |
| <b>Thickness</b> (ASTM D-3652) | 220 µm                                                                                                           |  |
| <b>Tape Colour</b>             | Black, White or Silver                                                                                           |  |
| <b>Shelf Life</b>              | 12 months from date of despatch by 3M when stored in the original carton at 21°C (70°F) & 50 % Relative Humidity |  |

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### Performance Characteristics

Not for specification purposes

|                                                               |                                |  |
|---------------------------------------------------------------|--------------------------------|--|
| <b>Adhesion to Stainless Steel</b> <small>ASTM D-3330</small> | 4.0 N/10mm                     |  |
| <b>Tensile Strength</b> <small>ASTM D-3759</small>            | 35.0 N/10mm                    |  |
| <b>Elongation at Break</b> <small>ASTM D-3759</small>         | 20 %                           |  |
| <b>Temperature Range</b><br>Maximum                           | 50 °C                          |  |
| <b>Water Vapour Transmission Rate</b>                         | 25g water/m <sup>2</sup> /24hr |  |

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### Additional Product Information

Tape 3997 is a general purpose waterproof cloth tape and is not designed for use where Def-Stan Spec. 81-25/2 is required.

### Application Techniques

Best results are attained when applied to a clean, dry and non dusty surface above 0°C.

To improve adhesion ensure firm and even application pressure is applied.

### Applications

Colour coding.

Patching and repairing.

General splicing, holding and wrapping.

### FEATURES

Polyethylene treated cloth backing.

Rubber resin adhesive.

### ADVANTAGES

High strength.  
Excellent water/humidity resistance.  
Conformable.  
Easy tear.  
Good handling properties.

High tack.

### BENEFITS

Provide a strong, versatile, easy-to-use tape for general industrial use.

Adheres to a variety of surfaces.

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Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.



### Specialty Tapes & Adhesives

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